CLAIMS

1. Hydrodynamic torque converter, in which a clutch (2) is arranged inside a converter housing (1), said clutch connecting a pump impeller wheel (3) to a drive, in particular a drive engine, and in which a turbine rotor (4) forms the drive output, characterized in that a pressure sensor (12) determines the pressure inside the converter housing (1).

2. Hydrodynamic torque converter according to claim 1, characterized in that the clutch (2) is actuated by an actuation device with a piston (9), with the pressure inside the inner space of the converter housing (1) acting on one side of the piston (9) and an actuation pressure acting on its other side.

3. Hydrodynamic torque converter according to claim 1, characterized in that the converter housing (1) has a pressure line (16) through which the converter's internal pressure is transmitted via a rotary connection (15) to a positionally fixed component (13) in which the pressure sensor in arranged.

4. Hydrodynamic torque converter according to claim 2, characterized in that the piston (9) has at least one aperture (17) through which the converter's internal pressure is transmitted to the pressure line (16).

5. Hydrodynamic torque converter according to claim 1, characterized in that the pressure sensor (12) is arranged in a positionally fixed component (13).

6. Hydrodynamic torque converter according to claim 5, characterized in that the positionally fixed component (13) is connected to a stator of the torque converter.

7. Hydrodynamic torque converter according to claim 5, characterized in that the pressure feed line (10) to an actuation device for the clutch (2) and the coolant liquid feed line (6) are arranged in the positionally fixed component (13).

8. Hydrodynamic torque converter, in which a clutch (2) is arranged inside a converter housing (1), said clutch connecting a pump impeller wheel (3) to a drive, and in which a turbine rotor (4) forms the drive output, characterized in that a pressure within the converter housing (1) is fed via a tapping point to a hydraulic

control unit, which controls an actuation pressure of the clutch (2) as a function of the pressure within the converter housing (1).